

ABSTRACT OF THE DISCLOSURE

A wavelength stabilized laser module is provided which is so configured as to be simplified and smaller in size and is capable 5 of emitting semiconductor laser light whose wavelength is stabilized with high accuracy.

The wavelength stabilized laser module includes a semiconductor laser, a substrate, a lens to convert emitted semiconductor laser light to parallel luminous flux, a first photoelectric converter to receive a part of the parallel luminous flux and to convert it to electric signals, a filter to receive a part of the parallel luminous flux, a second photoelectric converter to receive light transmitted through the filter and to convert it to electric signals, wherein a control signal to be used for stabilization obtained by computations of electric signals fed from the converters is fed back to the semiconductor laser device and/or the substrate so that said semiconductor laser is able to stably emit laser light having a reference wavelength to be used as a target for stabilization.